

INTERNATIONAL SEARCH REPORT

International Application No
PCT/NL 02/00526

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B01J19/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B01J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 866 342 A (KULIKOV NICOLAY ET AL) 2 February 1999 (1999-02-02) column 3, line 59 -column 6, line 43; figures 2-4,4A	1-23,25
A	GB 2 370 797 A (AVANTIUM INTERNAT B V) 10 July 2002 (2002-07-10) page 7, paragraph 2 page 15, last paragraph -page 16, paragraph 1; figure 2E	4,5
A	US 6 054 100 A (STANCHFIELD JAMES E ET AL) 25 April 2000 (2000-04-25) column 6, line 62 -column 7, line 7 column 9, line 56 -column 10, line 25; figures 1,3	10,19-21

	---/---	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

18 March 2003

Date of mailing of the international search report

27/03/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Huenges, A

INTERNATIONAL SEARCH REPORT

International Application No
PCT/NL 02/00526

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 6 274 091 B1 (MORRISSEY MICHAEL M ET AL) 14 August 2001 (2001-08-14) column 10, line 65 -column 11, line 6 column 12, line 29-45; figures 1,10-12	10,19,21
A	WO 01 41918 A (ILLUMINA INC) 14 June 2001 (2001-06-14) claim 28	24
A	MCPHERSON A: "CURRENT APPROACHES TO MACROMOLECULAR CRYSTALLIZATION" EUROPEAN JOURNAL OF BIOCHEMISTRY, BERLIN, DE, vol. 189, 1990, pages 1-23, XP000566586 ISSN: 0014-2956 page 7, left-hand column, paragraph 4 -page 8, left-hand column, paragraph 6; figure 9	1

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/NL 02/00526

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
US 5866342	A	02-02-1999	AU 4705697 A WO 9813137 A1 US 6238929 B1	17-04-1998 02-04-1998 29-05-2001
GB 2370797	A	10-07-2002	WO 02053278 A1	11-07-2002
US 6054100	A	25-04-2000	US 6479020 B1 AU 5359398 A EP 0948409 A1 GB 2322570 A ,B JP 2000507502 T JP 3338961 B2 WO 9822219 A1	12-11-2002 10-06-1998 13-10-1999 02-09-1998 20-06-2000 28-10-2002 28-05-1998
US 6274091	B1	14-08-2001	US 5888830 A AU 7241796 A CN 1197413 A WO 9710896 A1 AT 201149 T AU 723605 B2 CA 2232505 A1 DE 69612866 D1 DE 69612866 T2 DK 859661 T3 EP 0859661 A1 ES 2159361 T3 GR 3035958 T3 IL 123662 A JP 11511381 T PT 859661 T	30-03-1999 09-04-1997 28-10-1998 27-03-1997 15-06-2001 31-08-2000 27-03-1997 21-06-2001 08-11-2001 27-08-2001 26-08-1998 01-10-2001 31-08-2001 28-01-2001 05-10-1999 31-10-2001
WO 0141918	A	14-06-2001	AU 2434401 A EP 1239952 A2 WO 0141918 A2 US 2002028159 A1 US 2002044894 A1	18-06-2001 18-09-2002 14-06-2001 07-03-2002 18-04-2002